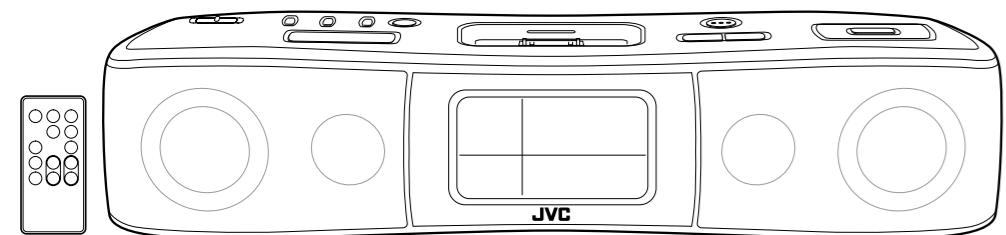




## PORTABLE AUDIO SYSTEM

### RA-P31B/RA-P30W



## INSTRUCTIONS



EN

LVT1848-002A [C]

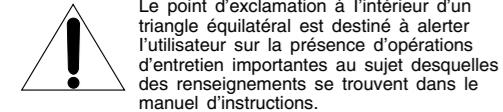
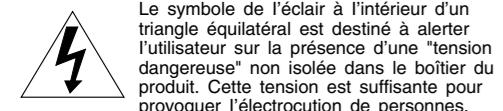
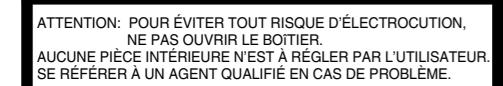
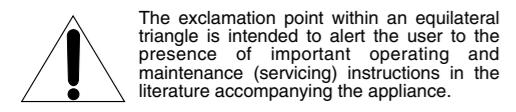
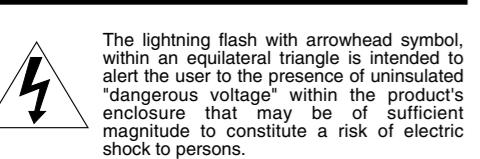
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## Warnings, Cautions and Others / Mises en garde, précautions et indications diverses

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

(For U.S.A)



(For U.S.A)



### CAUTION

To reduce the risk of electrical shocks, fire, etc.:  
 1. Do not remove screws, covers or cabinet.  
 2. Do not expose this appliance to rain or moisture.

### ATTENTION

Afin d'éviter tout risque d'électrocution, d'incendie, etc.:  
 1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.  
 2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

### Precautions

• Install in a place which is level, dry and neither too hot nor too cold-between 5°C and 35°C (41°F and 95°F).  
 • Install the System in a location with adequate ventilation to prevent internal heat buildup inside the System.

**DO NOT install the System in a location near heat sources, or in a place subject to direct sunlight, excessive dust or vibration.**  
 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

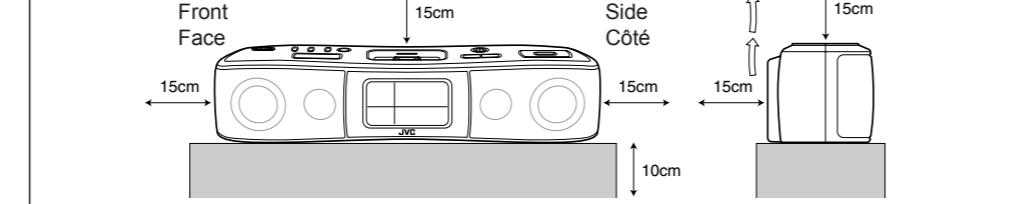
### CAUTION

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

### For Canada/pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

CET APPAREIL NUMÉRIQUE RESPECTE LES LIMITES DE BRUITS RADIOÉLECTRIQUES APPLICABLES AUX APPAREILS NUMÉRIQUES DE CLASSE B PRÉSCRITES DANS LA NORME SUR LE MATERIEL BROUILLER: "APPAREILS NUMÉRIQUES", NMB-003 EDICTÉE PAR LE MINISTRE DES COMMUNICATIONS.



## Getting Started

### Supplied Accessories

After unpacking, check to be sure that you have all the following items.  
 • Remote control  
 • AC adapter  
 • CR2025 (x2) lithium coin batteries  
 One is loaded on the remote control at the factory.

### Prepare the Remote Control

When you use the remote control for the first time, pull out the insulation sheet.  
  
 Replacing the Battery in the Remote Control  
 Insert the battery into the remote control by matching the polarity (+ and -) correctly.

### Warning

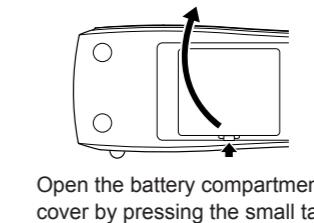
- Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
- Do not recharge, short, disassemble or heat the battery or dispose of it in a fire. Doing any of these things may cause the battery to give off heat, crack, or start a fire.
- Do not leave the battery with other metallic materials. Doing this may cause the battery to give off heat, crack, or start a fire.
- When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may start to give off heat, crack, or start a fire.
- Do not poke the battery with tweezers or similar tools. Doing this may cause the battery to give off heat, crack, or start a fire.
- Dispose of battery in the proper manner, according to federal, state, and local regulations.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat source such as sunshine, fire or the like.

**CAUTION:**  
 Danger of explosion if battery is incorrectly replaced.  
 Replace only with the same or equivalent type.

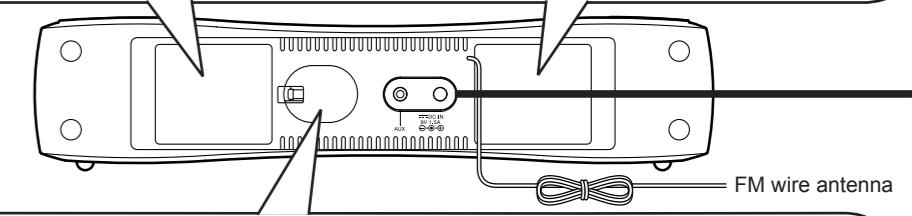
### Preparation of the Unit

◆ Loading batteries for the Unit (The battery power supply)  
 Insert three batteries to each compartment (six batteries total). Be sure to match the poles (+/-) correctly. While the AC adapter is connected to the wall outlet, the unit works without batteries.

R6 (SUM-3)/AA (15F) (not supplied)



Close the cover in the order shown by the numbers.



### Loading batteries for the Clock

Be sure to match the poles (+/-) correctly.

### Time to change the battery

As the battery is running out, the display indication dims or the alarm may beep at the time the alarm is not set at. Replace the battery in such cases.

### Connecting the AC adapter

To a wall outlet Plug the AC adapter only after all connections are completed.  
 AC adapter (supplied)  
 RA-P31B: AA-R9031 / RA-P30W: AA-R9028

**CAUTION:**  
 To avoid risk of fire, and to prevent damage.  
 • Do not use AC adapters except for the supplied AC adapter.  
 • Do not use the supplied AC adapter for other equipment.

## Basic and Common Operations

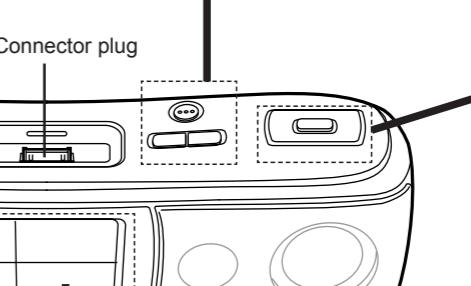
Press	Functions
SNOOZE/LIGHT	<ul style="list-style-type: none"> <li>Light the display screen for 5 seconds when the power is turned off.</li> <li>Temporarily stop the alarm sound when the alarm is ringing (SNOOZE). (see "To stop the alarm sound")</li> </ul>

Press	Functions
SURROUND TIMER CANCEL	<ul style="list-style-type: none"> <li>Switch on/off the SURROUND. You can enjoy music with spatial and deep sound in this mode. (The mode is not effective when the monaural is selected.)</li> <li>While the clock or the alarm time are set, return to the previous item. See "How to set the time and use the alarm"</li> </ul>

Date -----	Day of the week -----	Current time/ alarm time
18/88	Mon Tue Wed Thu Fri Sat Sun	88:88 z AUX 188.85 MHz

Turn on or off the power
Press  d/i Turns on or off the power

When the power is turned off at volume level "15" or higher, the unit automatically sets the volume level to "14" the next time it is turned on.



### Adjust the volume

Press	Functions
VOLUME - +	<ul style="list-style-type: none"> <li>Adjust the volume level from 00 to a maximum of 20.</li> <li>-: Turn down the volume.</li> <li>+: Turn up the volume.</li> </ul>

Press	Functions
FM MODE/	<ul style="list-style-type: none"> <li>Switch on/off the backlight when the button is held down.</li> <li>Switch FM stereo/monaural when FM is selected.</li> </ul>

### Select a source

Press	Functions
SOURCE	Select a source iPod → FM → AUX

### Explanation of Icons

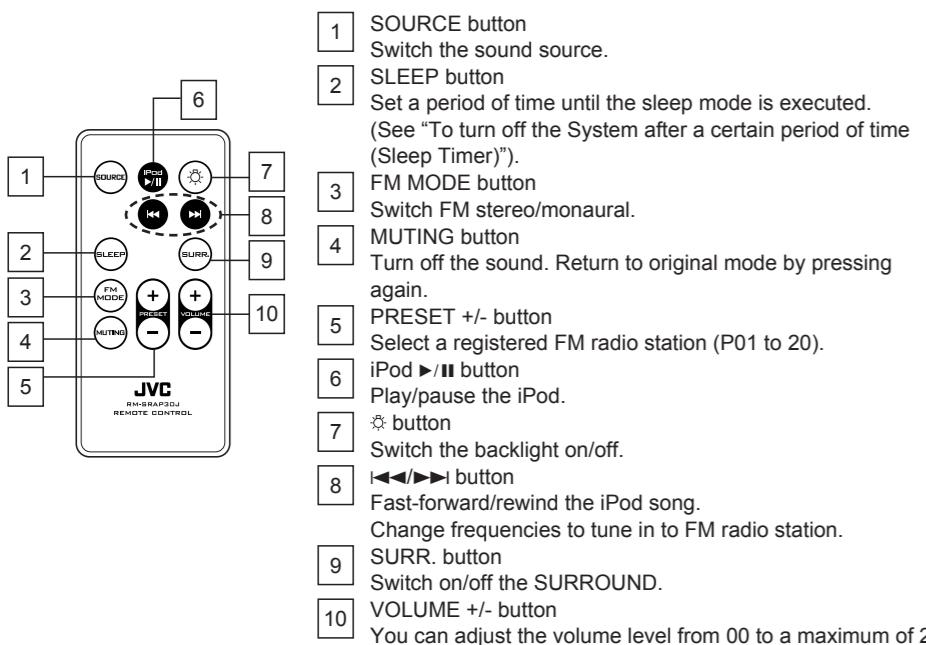
ALARM 1 Off: current time / On: alarm time  
  
 ALARM 2 Off: alarm off / On: alarm on / Blinking: alarm sounding (When "TIMER PLAY" is set)  
  
 SLEEP Z Blinks while snoozing (the alarm is paused)  
  
 SLEEP Lighting when the sleep mode is selected

Sound source indicator	iPod/FM/AUX (blinks while muted)
When adjusting the volume	00 - 20
When FM radio is selected	P01 - P20 (channel) / 87.5 - 108.0 MHz (frequency)
When the source is set to iPod and the alarm is set to TIMER PLAY	iPod (slow blinking)
When the source is set to FM radio and the alarm is set to TIMER PLAY	87.5 - 108.0 MHz ↔ P01-P20
When battery power is low	---
When trying to set alarm to TIMER PLAY while selecting AUX	Er r

SURROUND SURROUND starts lighting when it is switched on.  
 STEREO "STEREO" is displayed when an FM stereo broadcast is received.  
 MONO "MONO" is displayed when the monaural is selected. (see "Listening to FM Broadcasts")  

- Current time: Blinking / Other Clock Display: Lighting
- Current time: Blinking / Other Clock Display: Lighting

## Operating on the Remote Control



## How to set the time and use the alarm

Switch/Press	Functions
	Switch the alarm on/off. OFF: turn off the alarm (BUZZER/TIMER PLAY). BUZZER: alarm on (buzzer sound) TIMER PLAY: alarm on (iPod/FM radio)
	Change the time to the alarm time while the current time is displayed. Switch between "ALARM 1" and "ALARM 2" while the alarm time is displayed. Press and hold this button to select the current time/alarm time setting mode.
	Change the values for the time setting.
	Return to the previous item.

### Setting the Clock

- 1 Press and hold the SET button. → The year display starts flashing.
- 2 While flashing, set each item with the DOWN/UP buttons.
- 3 Press the SET button.

• When the SET button is pressed, the flashing items will change in the following order.

Year → Month → Day → 12/24-hour time → Hour → Min. → time display

• The time is set when switching to time display from Minutes.

#### NOTES

- The time can be set both when the power is on and off.
- To modify the setting, start again from step 1.

### Setting the alarm (ALARM-BUZZER)

- 1 Press the SET button to select "ALARM 1" or "ALARM 2". → The selected icon starts lighting.
- 2 Press and hold the SET button. → "ON" or "OFF" and ☰ starts flashing.
- 3 Use the DOWN/UP button to select "ON" and press the SET button. → ☰ starts lighting and the time display starts flashing.
- When "OFF" is selected, ☰ goes off and the alarm setting is disabled. The display returns to the current time.
- To separate "ALARM 1" and "ALARM 2", set on/off for each.
- 4 While flashing, set each item with the DOWN/UP button.
- When the SET button is pressed, the flashing items will change in the following order.

Hour → Min. → TIMER PLAY time (10 to 30) → time display

• It is not necessary to set the "TIMER PLAY" time at this point.

## Listening to FM Broadcasts

Press	Functions
Unit	Remote control
	Switch FM stereo/monaural. When there is too much static in an FM stereo broadcast, you can reduce the static by switching to monaural reception. Press again to switch back to stereo reception. If the broadcast is not FM stereo, the sound becomes monaural, even if FM stereo is selected.
	Switch channel display / frequency display. Channel display is automatically switched to frequency display after approx. 3 seconds.    Frequency display Channel display
	To register a channel, press and hold this button. (see "Presetting Stations")
	Select a channel from P01 to P20. (The unit button can be used when channel display is selected.)
	Change frequencies to tune in to FM radio station. (The unit button can be used when frequency display is selected.) • Press and hold to search broadcast stations automatically. The search is finished when the signal is received. Press again while searching to quit search.

5 Switch the ALARM switch to "BUZZER".  
 • ☰ of the set alarm starts lighting on the display.  
 • To check the set time, switch the display to alarm time (ALARM 1/ALARM 2) by pressing the SET button.  
 • The buzzer sounds for three minutes.  
 • If the set time of "ALARM1" laps over that of "ALARM2", the buzzer of the earlier set alarm stops when the latter one starts sounding.

### Selecting iPod or FM radio for the alarm sound (ALARM-TIMER PLAY)

- 1 Set the alarm time.  
(See steps 1 to 4 of "To set the alarm (ALARM-BUZZER)")
- Hour → Min. → TIMER PLAY time (10 to 30) → time display
- You can set the duration of time between timer-on and timer-off from 10 minutes to 30 minutes in TIMER PLAY time.
- 2 If the power is off, turn the unit power on.
- 3 Confirm that you can hear the iPod or FM radio.
- 4 Set to an appropriate volume.
- 5 Switch the ALARM switch to "TIMER PLAY". ☰ of the set alarm starts lighting and the selected source is blinking on the display.

**CAUTION:**  
 • "AUX" cannot be selected as a source. Select another source.  
 • The "TIMER PLAY" does not work when the Unit power is turned off.

### Stopping alarm sound

◆ To pause the alarm (snooze)  
 Press the SNOOZE/LIGHT button while the alarm is sounding, when the alarm is set with either "ALARM-BUZZER" or "ALARM-TIMER PLAY".  
 The alarm sound is temporarily stopped, and started again 5 minutes later. You can repeat this up to 10 times.

◆ To stop the alarm (BUZZER/ TIMER PLAY)  
 • Switch the ALARM switch to "OFF".

### Deleting the alarm settings

- 1 Press the SET button to select the ALARM you want to delete.
- 2 Press and hold the SET button. → "ON" or "OFF" and ☰ starts flashing.
- 3 Use the DOWN/UP button to select "OFF" and press the SET button.  
• The alarm setting is deleted.

### Listening to FM radio

Stretch out the wire antenna located on the rear of the unit before using.

- 1 Turn the Unit power on.
- 2 Select "FM" with the SOURCE button.
- 3 Select a station with the ↻/▶/I button.

**Presetting Stations**

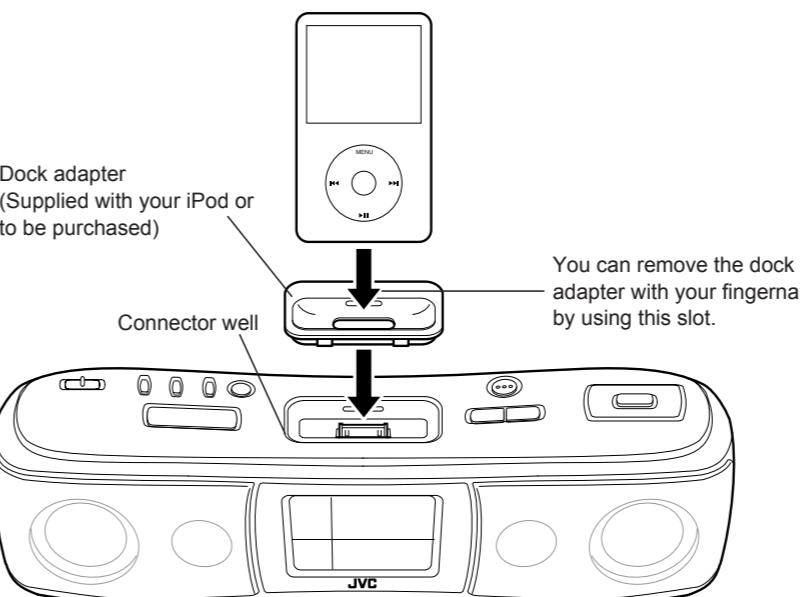
- 1 Select "FM" with the SOURCE button, and switch to channel display with ▶/II button.
- 2 Use the ↻/▶/I button to select the channel number (P01 to P20) to be registered.
- 3 Press and hold the ▶/II button. → The channel number starts flashing.
- 4 Use the ↻/▶/I button to select the frequency (87.5 MHz to 108.0 MHz) of the station that you wish to register.
- 5 Press the ▶/II button → The selected frequency will be registered.

• To confirm registration, select the registered channel number (P01 to P20), and press ▶/II button to display frequency.

## Playing back from iPod

### Setting the iPod on the unit

- 1 Insert the Dock adapter supplied with the iPod to the unit.  
If the Dock adapter was not supplied with your iPod, purchase the Dock adapter from Apple Inc. For details, visit the Apple's website. <http://www.apple.com>



- 2 Connect the iPod to the connector plug of the unit.  
 • The connector plug is protected with a cover when it is first purchased. Please remove the cover before operating the unit.  
 • When the iPod is not connected, insert the terminal cover. This prevents dust from entering and possibly damaging the unit.  
 • Always set volume to the minimum level when connecting or disconnecting iPod.  
 • When you connect your iPod to the unit, make sure you insert it all the way.  
 • When disconnecting the iPod, make sure that the System is turned off.

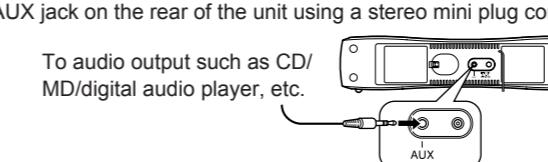
### iPod Compatibility Chart

iPod touch 8GB/16GB
iPod classic 80GB/160GB
iPod video (5th Generation) 30GB/60GB/80GB
iPod photo (4th Generation) 20GB/30GB/40GB/60GB
iPod nano (3rd Generation) 4GB/8GB
iPod nano (2nd Generation) 2GB/4GB/8GB
iPod nano 1GB/2GB/4GB
iPod mini (2nd Generation) 4GB/6GB
iPod mini 4GB

## Playing back from other equipment

### Connecting other equipment

Connect an external device to the AUX jack on the rear of the unit using a stereo mini plug cord (not supplied).



### NOTE

- Always set volume to the minimum level when connecting or disconnecting the other equipment.

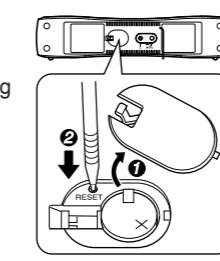
## Troubleshooting

If you are having a problem with your System, check this list for a possible solution before calling for service.

In These Cases	Check the following points
Power does not come on.	• AC adapter is not inserted securely. Plug in securely. • The batteries are exhausted.
No longer works.	Press the RESET button (see "Resetting the unit").
Cannot set the iPod.	• Is the Dock adapter properly mounted on the unit? Make sure to mount the Dock adapter properly.
Cannot operate iPod.	• Is the iPod firmly connected to the connector plug of the unit? • Is the iPod properly functioning? Test the iPod functions in stand alone condition.
iPod cannot be charged.	• Is the iPod firmly connected to the connector plug of the unit? • Is the AC adapter connected? The iPod cannot be charged while the Unit is operated on batteries.
Hard to listen to broadcasts because of noise.	The FM antenna is not properly extended and positioned.
Unable to operate the System from the remote control.	• The path between the remote control and the remote sensor on the System is blocked. • The batteries are exhausted.
When the volume level is manually set higher than "08", the unit automatically lowers the level to "08".	The unit's battery runs low (The "—" (Low battery) appears on the display). Replace the batteries with new ones.

### ● Resetting the unit

If "Troubleshooting" does not eliminate malfunctioning (failure to operate or display properly, etc.), press the RESET button on the rear of the unit with something having a sharp point, while the unit is turned on. After pressing RESET button, unplug the AC adapter and wait a while before plugging it again.



- When using RESET button, make sure the lithium coin battery is loaded.
- While resetting the unit, the clock is also reset. Adjust the clock after resetting the unit.

## Specifications

Model	RA-P31B/RA-P30W
Type	Portable audio system
Power Output	4 W × 2 1 kHz 10 % THD, 6 Ω
Amplifier	250 mV/47 kΩ
Input Sensitivity/ Impedance	AUX Input
Band	FM
Tuner	Tuning Range 87.5 MHz - 108.0 MHz
Frequency Step	100 kHz
Preset Stations	20
Speaker	1way full range, diameter 50 mm x 2
Input Terminal	External DC IN (for AC adapter)
iPod connector	AUX IN (mini jack)
Power Source	Output Power : DC 5 V = 500 mA DC 9 V = 1.5 A (EXTERNAL DC IN) DC 3 V = (CR2025, for the clock) DC 9 V = (SIZE R6, AA BATTERY OR EQUIVALENT x 6)
AC adapter	Input : AC 110-240 V~, 50/60 Hz Output : DC 9 V = 1.5 A
Dimensions (W x H x D)	(W) 322 mm x (H) 72 mm x (D) 85 mm
Weight (Without batteries)	0.7 kg
Accessory	See Supplied Accessories

Specifications and appearance are subject to change without prior notice.